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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/034,425	12/27/2001	Kamel M. Shaheen	I-2-0195.1US	1718

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EXAMINER

VU, THONG H

ART UNIT PAPER NUMBER

2142

DATE MAILED: 05/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/034,425

Applicant(s)

SHAHEEN ET AL.

Examiner

Thong H. Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

1. Claims 1-16 are pending.

Response to Arguments

2. Applicant's arguments filed 5/15/06 have been fully considered but they are not persuasive.

Applicant argues the prior art does not teach the GGSN acts as RSVP proxy (Arguments filed 5/15/06 page 8 line 3).

Examiner points out the prior art taught the GGSN RSVP proxy generates an RSVP PATH message [Williams, claims 40-41, page 8]. It was well-known in the art that the gateway, router, firewall act as proxy between networks and the filter or proxy can change (i.e.: proxy) or unchanged as a design choice by configuration.

Thus, the rejection is sustained.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Widegren et al [Widegren, 6,621,793 B2] in view of Williams et al [Williams 2002/0133600 A1].

3. As per claim 1, Widegren discloses A method for assigning responsibility for resource reservation protocol (RSVP) signaling in order to support multimedia communications between a user equipment (UE) in a wireless communication network and a user of an external network, the wireless network having both the UE and a general packet radio service gateway support node (GGSN) capable of supporting RSVP signaling, the method comprising:

providing a policy control function (PCF) capable of assigning RSVP signaling to either the GGSN or UE [Widegren, GGSN, RSVP, a policy control function PCF, col 13 line 17-col 14 line 16];

the PCF assigning RSVP signaling to the GGSN or UE [Widegren, assigns user data unit, col 6 lines 4-10];

if the PCF assigns RSVP signaling to the GGSN [Widegren, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16];

the PCF signaling the GGSN assignment to the GGSN [Widegren, RSVP sends information to GGSN, col 14 lines 1-9; col 13 line 52-col 14 line 59];

the PCF signaling the UE **not** to perform RSVP signaling [Widegren, PCF signaling to UE not authorized, col 14 lines 48-59]; and

in response to receiving the GGSN assignment, the GGSN performing RSVP signaling [Widegren, GGSN signaling such as RSVP, col 14 lines 5-16]; and

if the PCF assigns RSVP signaling to the UE :

the PCF signaling the UE assignment to the GGSN; the GGSN forwarding the UE assignment to the UE [Widegren, 0114,0117];

the PCF signaling the GGSN **not** to perform RSVP signaling [Widegren, PCF signaling to UE, col 17 lines 30-45; GGSN reject establishment, col 14 lines 10-17];

the PCF signaling the UE assignment to the GGSN [Widegren, GGSN receives information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16];

in response to receiving the UE assignment, the UE performing RSVP signaling [Widegren, RSVP signaling, Fig 5, col 3 line 64-col 4 line 10].

However Widegren does not explicitly detail the GGSN function as RSVP proxy;

In the same endeavor, Williams discloses a method and apparatus for establishing a protocol proxy for a mobile host terminal and a protocol enabled router in a multimedia session such as the UE-A request that the GGSN function as its RSVP proxy, [Williams 0051-0058](see Fodor reference, 0176, as an alternative of GGSN emulates an RSVP proxy)

Therefore it would have been obvious to an ordinary skill in the art at the time the invention was made to incorporate the GGSN function as its RSVP proxy as taught by Williams into the Widegren's apparatus in order to take advantage of the proxy function. Doing so would provide a guarantee service in a wireless environment.

4. As per claims 5,11 contain the similar limitations set forth in claim 1. Therefore claims 5,11 are rejected for the same rationale set forth in claim 1.

5. As per claim 2, Widegren-Williams disclose the PCF delegates the RSVP signaling assignment to the GGSN [Widegren, RSVP signaling, Fig 5, col 3 line 64-col 4 line 10].

6. As per claim 3, Widegren-Williams disclose the GGSN bases the delegated RSVP signaling assignment in response to local traffic conditions [Widegren, GGSN receives information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16].

7. As per claim 4, Widegren-Williams disclose the GGSN bases the delegated RSVP signaling assignment to a local policy of the GGSN [Widegren, GGSN receives information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16].

8. As per claim 6, Widegren-Williams disclose the GGSN bases the RSVP signaling assignment in response to local traffic conditions [Widegren, GGSN receives information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16].

9. As per claim 7, Widegren-Williams disclose the GGSN bases the RSVP signaling assignment in response to a local policy of the GGSN [Widegren, GGSN receives

information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16].

10. As per claim 8, Widegren-Williams disclose the GGSN bases the RSVP signaling assignment on a negotiation between the GGSN and UE [Widegren, negotiated, col 7 lines 19-44].

11. As per claim 9, Widegren-Williams disclose in response to the GGSN receiving a message indicating the GGSN should perform RSVP signaling from the UE, the GGSN makes the RSVP signaling assignment [Widegren, GGSN receives information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16].

12. As per claim 10, Widegren-Williams disclose if the GGSN assumes the RSVP signaling an acknowledgment is Williamst to the UE and if the GGSN assigns the RSVP signaling to the UE a negative acknowledgment is Williamst to the UE [Widegren, acknowledgment, col 18 lines 59-67; col 22 lines 18-25].

13. As per claim 12, Widegren-Williams disclose if the GGSN receiving the second message indicating declining, the GGSN deciding who performs RSVP signaling [Widegren, GGSN receives information, the session establishment in the case of RSVP,

the proxy server supplied information to the PCF, col 14 lines 10-16].

14. As per claim 13, Widegren-Williams disclose if the GGSN receiving the second message indicating an acceptance, the GGSN performing RSVP signaling [Widegren, GGSN receives information, the session establishment in the case of RSVP, the proxy server supplied information to the PCF, col 14 lines 10-16].

15. As per claim 14, Widegren-Williams disclose the UE is the one and the GGSN is the other, the method further comprising in response to receiving the first message the GGSN determining who performs the RSVP signaling [Widegran, local policy, col 15 lines 30-42; col 17 lines 54-64].

16. As per claim 15, Widegren-Williams disclose the GGSN determining the RSVP signaling performing based on the local traffic conditions [Widegran, local policy, col 15 lines 30-42; col 17 lines 54-64].

17. As per claim 16, Widegren-Williams disclose the GGSN determining the RSVP signaling performing based on a local policy of the GGSN [Widegran, local policy, col 15 lines 30-42; col 17 lines 54-64].

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

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TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thong Vu*, whose telephone number is (571)-272-3904. The examiner can normally be reached on Monday-Thursday from 6:00AM-3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Andrew Caldwell*, can be reached at (571) 272-3868. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PMR or Public PMR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thong Vu
Primary Examiner
Art Unit 2142

A handwritten signature in black ink, appearing to read 'Thong Vu', with a horizontal line underneath.